

## 1. TRANSMITTED DATA

## 1-1 CHANNEL MESSAGES

[H]:Hex, [D]:Decimal

Status [Hex]	Second [H] [D]	Third [H] [D]	Description
8n	kk (kk)	40 (64)	Note Off
9n	kk (kk)	00 (00)	Note Off
9n	kk (kk)	vv (vv)	Note On (vv = 1~127)
Bn	40 (64)	vv (vv)	Damper Pedal
Bn	42 (66)	00/7F (0/127)	Sostenuto Off/On
Bn	43 (67)	vv (vv)	Soft Pedal
Bn	cc (cc)	vv (vv)	Control Change
Cn	pp (pp)	- -	Program Change [*1]

n : MIDI Channel (0~15)

vv: Value

[\*1]: Program :MIDI Out

C-8500

SINGLE(PIANO1~STRINGS) :pp = 00~08

LAYER(PIANO1+PIANO2~ORGAN+STRINGS) : = 09~2C

SPLIT(PIANO1/PIANO2~BASE/STRINGS) : = 2D~7D

C-4500

SINGLE(PIANO1~STRINGS) :pp = 00~05

LAYER(PIANO1+PIANO2~ORGAN+STRINGS) : = 06~14

C-2000/C-1500

PIANO1~STRINGS :pp = 00~07

## 1-3 SYSTEM REALTIME MESSAGES

Status[H]	Description
F8	Timing Clock [*1]
FA	Start [*1]
FB	Continue [*1]
FC	Stop [*1]
FE	Active Sensing

[\*1]:Transmits when Recorder is playing or recording (Internal Clock)

## 1-4 UNIVERSAL SYSTEM EXCLUSIVE MESSAGES ( DEVICE INQUIRY REPLY )

Byte[H]	Description
F0	Exclusive Status
7E	Non Realtime Message
09	MIDI Global Channel ( Device ID )
06	Inquiry Message
02	Identity Reply
42	KORG ID ( Manufacturers ID )
56	C-series ID ( Family ID (LSB))
00	( Family ID (MSB))
ii	( Member ID (LSB))
00	( Member ID (MSB))
xx	( Minor Ver. (LSB))
xx	( Minor Ver. (MSB))
xx	( Major Ver. (LSB))
xx	( Major Ver. (MSB))
F7	End Of Exclusive

Transmits when INQUIRY MESSAGE REQUEST Received

ii = 07 (C-8500)

= 0F (C-4500)

= 17 (C-2000/C-1500)

## 1-5 STRUCTURE OF KORG SYSTEM EXCLUSIVE MESSAGES

1st Byte = 1111 0000 : Exclusive Status

2nd Byte = 0100 0010 : KORG ID

3rd Byte = 0011 gggg : Format ID g:GloalCh.

4th Byte = 0101 0110 : C-series ID

5th Byte = 0fff ffff : Function Code

6th Byte = 0ddd dddd : Data

:

LastByte = 1111 0111 : End of Exclusive

## 2.RECOGNIZED RECEIVE DATA

## 2-1 CHANNEL MESSAGES

Status [Hex]	Second [H] [D]	Third [H] [D]	Description
8n	kk (kk)	vv (vv)	Note Off vv=0~127
9n	kk (kk)	00 (00)	Note Off
9n	kk (kk)	vv (vv)	Note On vv=1~127
Bn	07 (07)	vv (vv)	Volume
Bn	0B (11)	vv (vv)	Expression
Bn	40 (64)	vv (vv)	Damper Pedal
Bn	42 (66)	vv (vv)	Sostenuto Off/On
Bn	43 (67)	vv (vv)	Soft Pedal
Bn	78(120)	00 (0)	All Sound Off
Bn	79(121)	00 (0)	Reset All Controller
Bn	7A(122)	00/7F (0/127)	Local Control Off/On
Bn	7B(123)	00 (0)	All Note Off
Cn	pp (pp)	- -	Program Change [*1]

n : MIDI Channel No.(0~15)

vv: Value

[\*1]: MIDI In :Program

C-8500

pp = 00~08 :SINGLE(PIANO1~STRINGS)  
 = 09~2C :LAYER(PIANO1+PIANO2~ORGAN+STRINGS)  
 = 2D~7D :SPLIT(PIANO1/PIANO2~BASE/STRINGS)

C-4500

pp = 00~05 :SINGLE(PIANO1~STRINGS)  
 = 00~14 :LAYER(PIANO1+PIANO2~ORGAN+STRINGS)

C-2000/C-1500

pp = 00~07 :PIANO1~STRINGS

## 2-3 SYSTEM REALTIME MESSAGES

Status[H]	Description
FE	Active Sensing

## 2-4 UNIVERSAL SYSTEM EXCLUSIVE MESSAGE ( NON REALTIME )

Byte[H]	Description
F0	Exclusive Status
7E	Non Realtime Message
gg	MIDI Channel [*1]
0a	Sub ID 1 [*2]
0b	Sub ID 2 [*2]
F7	End Of Exclusive

[\*1]: gg = 00~0F : Received if Global Channel

= 7F : Received on any Channel

[\*2]: 0a,0b = 06,01 : Inquiry Message Request

= 09,01 : General MIDI Mode On

## 3.MIDI EXCLUSIVE FORMAT (R:Receive, T:Transmit)

## SEQ DATA DUMP [\*1]

R/T

Byte	Description
F0,42,3g,56	EXCLUSIVE HEADER
0100 1000 (48)	SEQ DATA DUMP
0ddd dddd (dd)	Sequence Data
:	:
1111 0111 (F7)	EOX

[\*1]: C-8500,C-4500